

## <sup>286</sup>Cn

<sup>286</sup>Cn has not been discovered yet. In 2016, Hofmann et al. (2016Ho09) argued that <sup>286</sup>Cn is not populated by  $\alpha$ -decay from <sup>290</sup>Fl. The unexpected spontaneous fission half-life was explained by assuming electron capture to <sup>290</sup>Nh. In 2023, Saamark-Roth et al. (2023Sa03) presumed an *alpha*-decay chain originating in <sup>290</sup>Fl changing the earlier interpretation by the same research group: “Therefore, it cannot be incorporated in the main decay sequence of <sup>289</sup>Fl, while an assignment to <sup>290</sup>Fl is unfavored based on the half-life of the terminating fission” (2023Co04). However, ultimately the assignment was not deemed to be correct: “Here, the optional assignment of one Fl-decay chain to start from <sup>290</sup>Fl was also presented but disfavored based on the lifetime of the terminating fission” (2023Sa03). In 2017, Kaji et al. mentioned the possibility that their chain 4 populated <sup>286</sup>Cn (2017Ka66).

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